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1. (Amended) A method of treating or inhibiting thrombosis in a subject comprising administering a composition comprising an effective amount of a PSGL-1 protein to the subject.

2. (Amended) The method of claim 1, wherein the PSGL-1 protein is a soluble PSGL-1 protein or a fragment thereof, capable of treating or inhibiting thrombosis.

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8. (Amended) The method of claim 2, wherein the soluble PSGL-1 protein comprises an extracellular domain of human PSGL-1 protein or a fragment thereof, capable of treating or inhibiting thrombosis.

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17. (Amended) The method of claim 1, wherein the PSGL-1 protein is administered to the subject prior to thrombus formation.

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23. (Amended) A method for increasing the movement of cells relative to blood vessels in a subject comprising administering a composition comprising an effective amount of soluble PSGL-1 protein or a fragment thereof, and allowing the PSGL-1 protein or fragment thereof to treat or inhibit thrombosis, thereby increasing the movement of cells relative to blood vessels.

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25. (Amended) A method for inhibiting thrombus formation induced by a thrombus-inducing agent in a subject comprising administering a composition comprising an effective amount of soluble PSGL-1 protein or a fragment thereof, wherein the PSGL-1 protein or fragment is capable of treating or inhibiting thrombosis.

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